Drones in Construction: The Growth Of A Drone Program

Panel:
David Lim, Technical Solutions Executive
Jon Ferguson, Corporate Manager of Visualization
Austin Lay, Visualization Coordinator/sUAS Flight Specialist
Jay Ryoo, Engineering & Product Manager
Takeaways from this panel

• How Layton uses drones
• The benefits to using drones on jobsites
• How to grow your own drone program
David Lim
Technical Solutions Executive
Autodesk
Skilled Design and Construction professional with over 20 years of successful project experience in Residential, Multi-family, Mixed-Use, Healthcare (OSHPD) and Commercial design and construction. I am also proud to have a proven track record of orchestrating teams to deliver projects on time, within budget and without compromising quality. Currently working as a Technical Solutions Executive with Autodesk where I am able to leverage my experience to bring technical solutions, process change and thought leadership to organizations in the design, construction and manufacturing industry.
Jon Ferguson
Corporate Manager of Visualization
Layton Construction

Jon Ferguson is a Visualization expert with over 13 years’ experience in the AEC Industry. Jon is currently the Corporate Visualization Manager with Layton Construction, overseeing all creative direction and pursuit graphic and visuals for the company. Since developing this aspect of the company 7 years ago, Jon has lead and developed industry leading innovations and game changing applications, contributing to a 208% growth in revenue generated, and $2 Billion dollars in acquired new work.
Austin Lay
Visualization Coordinator/sUAS Flight Specialist
Layton Construction

Austin Lay is a Visualization Coordinator with Layton Construction, based in Salt Lake City, Utah. Austin has been with Layton for three years and is a graduate of Weber State University. Austin assisted in starting Layton’s drone program just over two years ago when he became the first Part 107 license holder in the organization. Layton now has 24 licensed drone pilots with more to come. Austin also helped create a company-wide drone use policy. Drones have become a critical part of the construction process at Layton, where a mission is being flown every day of the week on current projects. Drones have been flown at projects from Hawaii to Miami.
Jay Ryoo

Engineering & Product Manager

DroneDeploy

Jay Ryoo is a product manager at DroneDeploy managing the platform and integrations. DroneDeploy is the leading software platform for drone reality capture with an open platform and the largest ecosystem that allows customers to seamlessly bring a drone solution to their existing workflows. Since joining DroneDeploy, Jay has launched the DroneDeploy SDK and several integrations that connect DroneDeploy to industry standard software tools such as BIM 360 and PlanGrid.
Technology is best when it brings people together.

Matt Mullenweg
Talk about the events that prompted you to start a drone program?
How do you get buy in from company executives?
Stein Eriksen Lodge-Deer Valley, UT
At Layton Construction, what are the 3 biggest benefits to using a drone on a jobsite?
What are some actual use cases, that Layton has?
How has the implementation of DroneDeploy been on jobsites? Trials? Successes?
Mtn. View Village Phase 2 - Riverton, UT
In these cases you have just talked about where have you seen the most ROI?
How soon should a person start using a drones in a construction schedule?
What has the experience been with the tools DroneDeploy offers when sharing the info with owners and stakeholders?
What is the preferred hardware that Layton uses? Why?
Drones in Construction
Talk about end to end solutions. What does your typical workflow look like?
Drones in Construction
How has hardware changes made it possible to scale a drone program?
Drones in Construction
What is or has been your biggest road block in this process?
Drones in Construction
Where do you see the Drone industry in 5 years? 10 years?
Thank you